

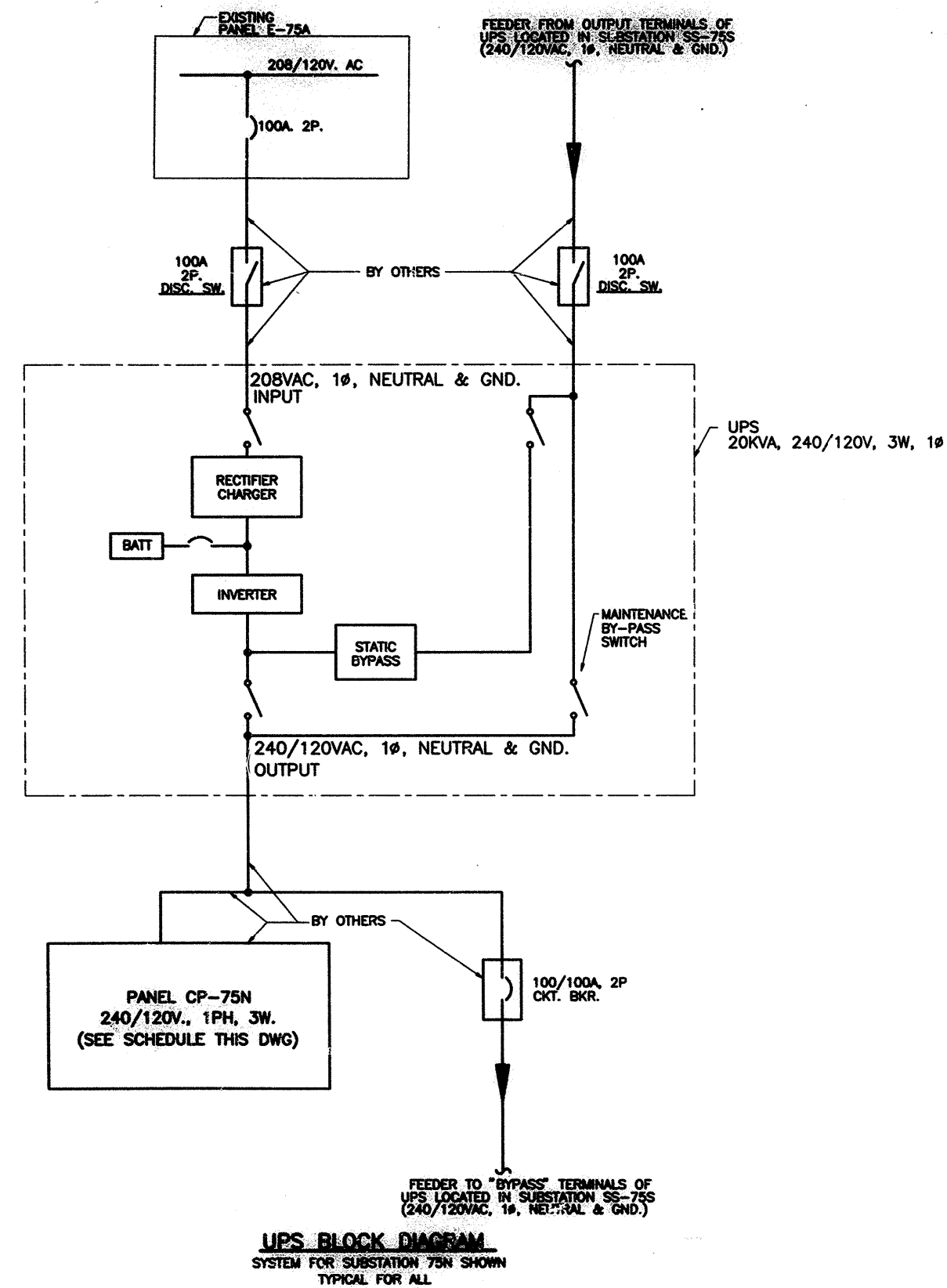
NOTES:
1. FOR LEGEND, ABBREVIATIONS AND SUMMARY OF EQUIPMENT SEE DRAWING E-1

Sheet 15 of 15



PANY & NJT

Peter K. Luning
ENGINEERING PROGRAM MANAGER
WORLD TRADE
Jack B. Buehler
CHIEF ELECTRICAL ENGINEER



PANEL SCHEDULE											
PANEL CP-75N 240/120V, 1Ø, 3 WIRE, NEUTRAL AND GROUND 100A MAIN BUS 100A MAIN CIRCUIT BREAKER 42 POLE PANEL MINIMUM INTERRUPTING RATING 22KA SURFACE MOUNTED											
SERVICE	TRIP	CKT	100/100A	CKT	TRIP	SERVICE	TRIP	CKT	100/100A	CKT	TRIP
D.P.S. LINE UP 1 & 3	15	1		2	15	D.P.S. LINE UP 2 & 4	15	2			
FUTURE (SUPERVISORY COMPUTER OUTLET)	15	3		4	15	SPARE	15	6			
SPARE	15	5		6	15	SPARE	15	8			
N1, T1-3, BUS 1 SWITCHGEAR SECTIONS	60	7		8	60	N2, T1-2, BUS 2 SWITCHGEAR SECTIONS	60	10			
N3, T3-4, BUS 3 SWITCHGEAR SECTIONS	60	9		10	60	N4, T2-4, BUS 4 SWITCHGEAR SECTIONS	60	12			
G & T HOUSING	30	11		12	60	BUS EL SWITCHGEAR SECTION	60	14			
HV-B1 SWITCHGEAR SECTION	30	13		14	30	HV-B2 SWITCHGEAR SECTION	30	16			
HV-B3 SWITCHGEAR SECTION	30	15		16	30	HV-B4 SWITCHGEAR SECTION	30	18			
SPARE	60	17		18	60	SPARE	60	20			
SPARE	30	19		20	30	SPARE	30	22			
SPARE	30	21		22	30	SPARE	30	24			
SPARE	30	23		24	30	SPARE	30				

Engineering Department
Design Division

The World Trade
Center
Electrical/HVAC
Upgrade Program

Title
ELECTRICAL
SUBSTATION EQUIPMENT
TOWER ONE AND TWO

ELECTRICAL

UPS BLOCK DIAGRAM
& PANEL SCHEDULE

No. Date Revision Approved

This drawing subject to conditions in contract.
All inventions, ideas, designs and methods
herein are reserved to Port Authority and
may not be used without its written consent.

FISCHER D. LEAHY JWH
Designed by Drawn by Checked by

Date FEB 10, 1995 Scale NONE

Contract Number Drawing Number

WTC-802.072A E-14

FILE NAME : 8027214 FEB. 10, 1995